



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

March 3, 2003

Paula Doughty  
Kennecott Utah Copper corporation  
12000 West 2100 South  
P.O. Box 6001  
Magna, Utah 84044-6001

Re: Conditional Approval, Kennecott Utah Copper's Bingham Canyon Mine, Waste Rock Disposal in Lower Bingham Canyon, M/035/002, Salt Lake County, Utah

Dear Ms. Doughty:

The Division has completed its review of Kennecott's amendment to the Bingham Canyon Mine permit titled "Waste Rock Disposal in Lower Bingham Canyon. *We hereby grant conditional approval of this amendment to the Bingham Canyon Mine permit, M/035/002.*

**Condition:**

The plan states that "after the soil is placed cross ripping will be shallow enough to avoid mixing waste rock into the cap material." The Division believes that the waste rock surface should be ripped or otherwise roughened prior to the placement of the soil. Recontouring and resloping of the waste rock face by heavy construction equipment will likely result in a compacted surface. Placing soils on this surface could set up a slip-plane between these two materials, which could possibly result in slumps of the soiled surfaces. It is the Division's opinion that ripping or otherwise roughening the waste rock surface, before the soil is placed, would eliminate this possibility.

You may begin operations on the Waste Rock Disposal in Lower Bingham Canyon, as outlined in your amendment, once this condition has been addressed. If possible, please provide your written response to this condition no later than March 18, 2003. Thank you for your assistance in finalizing this permitting action. If you have any questions or comments concerning this condition, please contact me at (801)538-5286, or Doug Jensen at 538-5382.

Sincerely,

D. Wayne Hedberg  
Permit Supervisor  
Minerals Regulatory Program

jb

cc: Doug Jensen, DOGM

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